

## Teaching portfolio

**1. Teaching CV: A list of teaching and supervision tasks, including specification of academic fields, scope, level (bachelor, master, continuing education, PhD). Please state the teaching method used (e.g. lecture, class teaching, exercises, supervision, examination, coexamination, distance teaching, internet-based teaching and evaluation of teaching). Please also indicate the language of instruction.**

Teaching experience at PhD courses:

1. S. Vilsen and X. Sui · Machine Learning, Predictive Modelling, and Validation for Battery State-of-health Estimation · Aalborg University · May 24th - 25th, 2022.
2. D.I. Stroe, E. Schaltz, X. Sui, J. Sihvo, and V. Knap · Lithium-Ion Batteries. Fundamentals, Modelling, and State Estimation · Aalborg University · October 24th - 26th, 2022.
3. X. Sui and R. Teodorescu · Smart Battery II\_Artificial Intelligence in Battery State Estimation · Aalborg University · November 23th - 24th, 2023.

Tutorials:

1. R. Teodorescu, X. Sui, A. Kulkarni, and P. Bharadwaj · Smart Battery, a new technology · 13th International Symposium on Power Electronics for Distributed Generation Systems (PEDG2022) · Kiel, Germany · June 26th - 29th, 2022.
2. S. Vilsen and X. Sui · Machine Learning Techniques for Reliable Battery State of Health Estimation · 24th European Conference on Power Electronics and Applications (EPE'22 ECCE Europe) · Hannover, Germany · September 5th - 9th, 2022.
3. X. Sui and R. Teodorescu · Smart Battery, a new technology of batteries that can breathe! · 20th IEEE International Power Electronics and Motion Control Conference (IEEE-PEMC 2022) · Brasov, Romania · September 25th - 29th, 2022.
4. R. Teodorescu and X. Sui · Intelligent BMS · 25th European Conference on Power Electronics and Applications (EPE'23 ECCE Europe) · Aalborg, Denmark · September 4th - 8th, 2023.

**2. Study/programme administration and management: Experience in programme management and coordination. A list of study administration tasks, e.g. study board membership, chair of study board, semester or course coordinator, accreditation tasks, etc. Experience in planning teaching activities. Experience in programme development. Participating in committees and commissions etc. on education issues.**

Type your answer here...

**3. Formal pedagogical training: A list of completed courses in university pedagogy, PBL courses, workshops, academic development projects, collegial guidance and supervision, etc. Written assessment from the course in university pedagogy for assistant professors. Participation in conferences on pedagogy and didactics. Please enclose any documentation of the above, such as course certificates, references, etc**

Type your answer here...

**4. Other qualifications: Conference contributions and attendance, contributions to debates, scientific articles on pedagogical issues etc. Peer supervision, editorials, mentoring experience or other types of competence development activities.**

Type your answer here...

**5. Pedagogical development and research: Development of new courses, teaching materials, teaching methods, examination types or other types of pedagogical development. Didactic and pedagogical research. Cooperation with external collaboration partners.**

Type your answer here...

**6. References on your teaching skills from superiors or colleagues. Teaching evaluations and any teaching awards received.**

Type your answer here...

**7. Personal reflections and initiatives:** Here you may state any personal deliberations as regards teaching and supervision, any wishes and plans for further pedagogical development, plans for following up on student feedback/evaluations, etc. Personal reflections on your own pedagogical practice, including objectives, methods and implementation. This should include an analysis and a reasoned description of your pedagogical activities in relation to your pedagogical understanding and student learning. Thoughts on the teaching method at Aalborg University (which is largely based on group-organised project work and problem-based learning)

Type your answer here...

**8. Any other information or comments.**

Type your answer here...